

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31725  
Name: Shelby Resources L.L.C./ Captiva Energy L.L.C.  
Address 1: 2717 Canal Blvd.  
Address 2: Suite C  
City: Hays State: KS Zip: 67601 +  
Contact Person: Chris Gottschalk  
Phone: (785) 623-1524  
CONTRACTOR: License # 5142  
Name: Sterling Drilling  
Wellsite Geologist: Keith Reavis  
Purchaser: Plains Marketing L.P.  
Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SIOW  
 Gas  ENHR  SIGW  
 CM (Coal Bed Methane)  Temp. Abd.  
 Dry  Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, etc.)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr.  Conv. to SWD  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled Docket No.: \_\_\_\_\_  
 Dual Completion Docket No.: \_\_\_\_\_  
 Other (SWD or Enhr.?) Docket No.: \_\_\_\_\_  
4/23/2009 5/06/2009 10/28/2009  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 151-22332-0000  
Spot Description: \_\_\_\_\_  
NE SW NW NE Sec. 26 Twp. 28 S. R. 13  East  West  
830 Feet from  North /  South Line of Section  
1991 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Pratt  
Lease Name: Williams Well #: #1-26  
Field Name: Brehem  
Producing Formation: Simpson  
Elevation: Ground: 1937 Kelly Bushing: 1950  
Total Depth: 4742 Plug Back Total Depth: 4690  
Amount of Surface Pipe Set and Cemented at: 1032' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AH I NR 12-23-09  
(Data must be collected from the Reserve Pit)  
Chloride content: 8000 ppm Fluid volume: 800 bbls  
Dewatering method used: Hauled water off  
Location of fluid disposal if hauled offsite:  
Operator Name: Timberline Oil & Gas  
Lease Name: Becker SWD #1 License No.: 9232  
Quarter NE Sec. 33 Twp. 26 S. R. 13  East  West  
County: Pratt Docket No.: 15-151-21739

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.  
Signature: [Signature]  
Title: Production manager Date: 11/25/2009  
Subscribed and sworn to before me this 25 day of Nov  
20 09  
Notary Public: [Signature]  
Date Commission Expires: 10/4/11

NOTARY PUBLIC, State of Kansas  
MICHELLE R. HAAS  
My Appt. Exp. \_\_\_\_\_

KCC Office Use ONLY  
 Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

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Operator Name: Shelby Resources L.L.C./ Captiva Energy L.L.C. Lease Name: Williams Well #: #1-26  
 Sec. 26 Twp. 28 S. R. 13  East  West County: Pratt

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Compensated Neutron Density, Micro, Sonic and Cement bond Log</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Topeka</td> <td>3341</td> <td>-1391</td> </tr> <tr> <td>Heebner</td> <td>3703</td> <td>-1753</td> </tr> <tr> <td>Lansing</td> <td>3908</td> <td>-1958</td> </tr> <tr> <td>Base KC</td> <td>4272</td> <td>-2322</td> </tr> <tr> <td>Mississippian</td> <td>4428</td> <td>-2478</td> </tr> <tr> <td>Viola</td> <td>4531</td> <td>-2581</td> </tr> <tr> <td>Arbuckle</td> <td>4685</td> <td>-2735</td> </tr> </table>	Name	Top	Datum	Topeka	3341	-1391	Heebner	3703	-1753	Lansing	3908	-1958	Base KC	4272	-2322	Mississippian	4428	-2478	Viola	4531	-2581	Arbuckle	4685	-2735
Name	Top	Datum																							
Topeka	3341	-1391																							
Heebner	3703	-1753																							
Lansing	3908	-1958																							
Base KC	4272	-2322																							
Mississippian	4428	-2478																							
Viola	4531	-2581																							
Arbuckle	4685	-2735																							

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.14"	8.5/8"	23#	1032	65/36 Poz	350	3% ccl, 2% gel
Production	7.7/8"	5.1/2"	15.5	4746	AA2	200	3% ccl, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
8	4593-95'	250 gal 10% INS-400 gal 10% INS	

TUBING RECORD: Size: <u>2.7/8"</u> Set At: <u>4595</u> Packer At: <u> </u> Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>10/28/2009</u>	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil Bbbls. <u> </u> Gas Mcf <u>300</u> Water Bbbls. <u>6</u> Gas-Oil Ratio <u> </u> Gravity <u> </u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input checked="" type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) <u> </u>	PRODUCTION INTERVAL: <u>4593-95'</u>  <div style="text-align: right; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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# ALLIED CEMENTING CO., LLC. 34115

TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Medicine Lodge, KS

DATE <u>09 24 09</u>	SEC. <u>26</u>	TWP. <u>28s</u>	RANGE <u>13w</u>	CALLED OUT <u>4:00pm</u>	ON LOCATION <u>6:00pm</u>	JOB START <u>9:45pm</u>	JOB FINISH <u>10:30pm</u>
LEASE <u>William</u>		WELL # <u>1-26</u>		LOCATION <u>Pratt, KS, 3s, 1/2 E, split</u>		COUNTY <u>Pratt</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)							

CONTRACTOR Sterling #5  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 1035  
 CASING SIZE 8 5/8 DEPTH 1032  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX 1000 MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT 42.62  
 CEMENT LEFT IN CSG. 43'  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 64 Bbls Fresh H<sub>2</sub>O

OWNER Captiva  
 CEMENT  
 AMOUNT ORDERED 350 sx 65:35:6% gel + 3% cc  
100 sx 60:40:2% gel + 3% cc  
 COMMON 600 sx @ 13.50 810.00  
 POZMIX 40 sx @ 7.55 302.00  
 GEL 2 sx @ 20.25 40.50  
 CHLORIDE 14 sx @ 51.50 721.00  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
Light Weight 350 @ 11.85 4,147.50  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 466 @ 2.25 1048.50  
 MILEAGE 466 X 7 X .10 = 326.20  
 TOTAL 117395.70

**EQUIPMENT**

PUMP TRUCK CEMENTER D. Felix  
 # 360-265 HELPER D. Franklin  
 BULK TRUCK  
 # 344-170 DRIVER G. Davis  
 BULK TRUCK  
 # 341 DRIVER W. Davis

**REMARKS:**

Pipe on Bttrn, Break Circ., Pump Spacer  
Mix 350sx Light weight Cement, Mix 100  
sx tail cement, Stop Pump, Release Plug,  
Start Disp. w/ Fresh H<sub>2</sub>O, Wash upon Plug,  
See increase in PST, Slow Rate,  
Bump Plug at 64 Bbls total  
Disp., Release PST, float did hold  
Cement did Cure

**SERVICE**

DEPTH OF JOB 1032  
 PUMP TRUCK CHARGE \_\_\_\_\_ \$ 991.00  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 7 @ 7.00 49.00  
 MANIFOLD Headrental @ N/A  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Captiva  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

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TOTAL \$ 12,040.00

**KCC WICHITA & FLOAT EQUIPMENT**

1- AFU insert w/s @ 377.00 377.00  
2- centralizers I-R @ 44.80 89.60  
1- Basket I-R @ 221.20 221.20  
1- +RD @ 113.00 113.00

To Allied Cementing Co., LLC.

8 5/8

Customer <i>CAPTIVA ENERGY</i>	Lease No.	Date <i>5-7-09</i>
Lease <i>Williams</i>	Well # <i>1-26</i>	
Field Order # <i>6264</i>	Station <i>PRATT</i>	Casing <i>3/2</i>
		Depth <i>4735'</i>
Type Job <i>CNW 5" Longspur</i>	Formation	County <i>PRATT</i>
		State <i>KS</i>
		Legal Description <i>26-28-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>2 1/2"</i>				Pre Pad	Max		5 Min.	
Depth <i>4735'</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>112</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>2,000</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>4715'</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Sullivan</i>
-------------------------	--------------------------------------	-----------------------------------

Service Units	<i>19867</i>	<i>19903</i>	<i>19905</i>	<i>19832</i>	<i>21010</i>				
Driver Names	<i>Sullivan</i>	<i>Roush</i>		<i>Lachance</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2230</i>					<i>oil for safety meeting</i>
					<i>Run 112 5 1/2 15.5 gpm</i>
					<i>cut 1 1/2 2-10</i>
<i>24/5</i>					<i>CAUTION on bottom</i>
<i>255</i>					<i>Hook up back line</i>
<i>270</i>	<i>300</i>		<i>5</i>	<i>4</i>	<i>1st 11' down</i>
			<i>12</i>		<i>mix 3000 cut to 12 1/2" hole</i>
			<i>49</i>		<i>mix 2000 cut to 15 1/2" hole</i>
<i>250</i>					<i>Start down to WALK pump down</i>
<i>235</i>	<i>150</i>			<i>5</i>	<i>Release plug @ 1st deep</i>
	<i>300</i>		<i>20</i>	<i>5.5</i>	<i>1st 11'</i>
	<i>400</i>			<i>4</i>	<i>slow rate</i>
<i>300</i>	<i>2000</i>		<i>112</i>	<i>3.5</i>	<i>Plug down floor 11' 1/2</i>
			<i>6</i>	<i>2</i>	<i>plug pull up 15' cut 1 1/2" hole</i>
			<i>4</i>	<i>2</i>	<i>plug pull up 10' hole</i>
<i>330</i>					<i>job complete</i>

*Thank you*

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Company	<b>Captiva Energy, LLC</b>	Lease Name	<b>Williams</b>	
Address	<b>455 Union Blvd. Ste. 208</b>	Lease #	<b>1-26</b>	
CSZ	<b>Lakewood, CO 80228</b>	Legal Desc	<b>See Comments</b>	Job Ticket <b>2074</b>
Attn.	<b>Keith Reavis</b>	Section	<b>26</b>	Range <b>13W</b>
		Township	<b>28S</b>	
		County	<b>Pratt</b>	State <b>KS</b>
		Drilling Cont	<b>Sterling Drilling, Co. Rig #5</b>	
Comments	<b>Legal Description: 830' FSL &amp; 1991 FEL</b>			

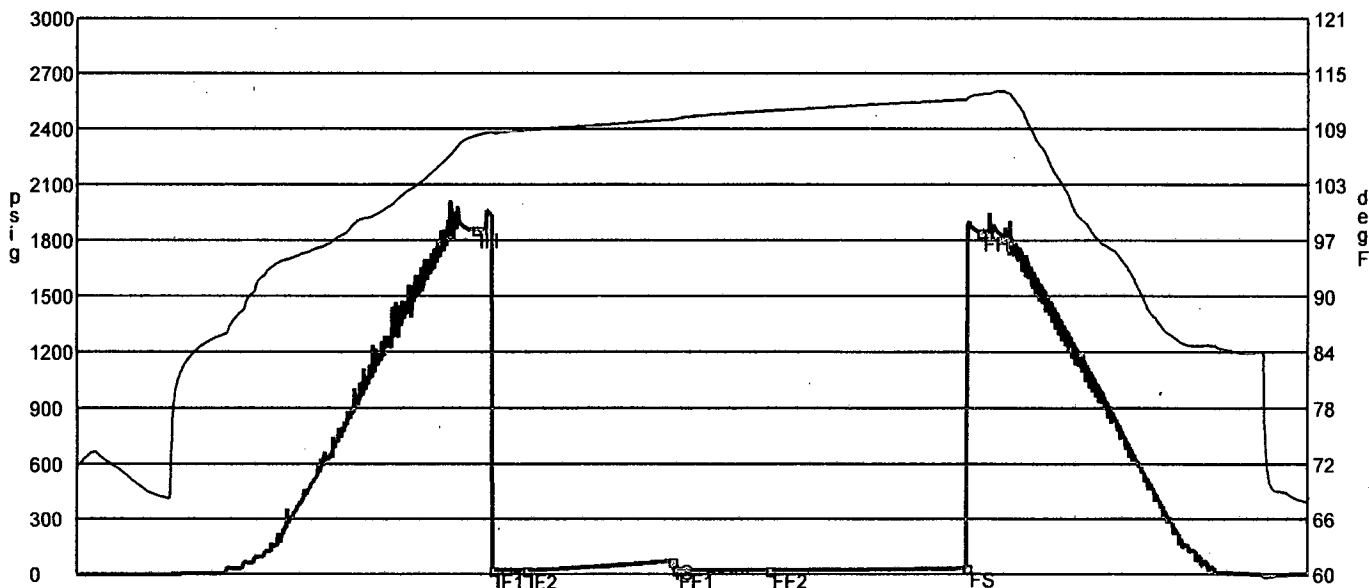
**GENERAL INFORMATION**

Test # <b>2</b>	Test Date <b>4/30/2009</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Tim Venters</b>		Top Recorder # <b>W1119</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder #	
		Bott Recorder # <b>13565</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>0</b>	Approved By
		Standby Time <b>16</b>	
Mud Type <b>Gel Chem</b>		Extra Equipmnt <b>Jars &amp; Safety joint</b>	
Mud Weight <b>9.3</b>	Viscosity <b>45.0</b>	Time on Site <b>11:40 PM</b>	
Filtrate <b>10.4</b>	Chlorides <b>4000</b>	Tool Picked Up <b>3:30 AM</b>	
		Tool Layed Dwn <b>9:15 AM</b>	
Drill Collar Len <b>248.0</b>		Elevation <b>1937.00</b>	Kelley Bushings <b>1950.00</b>
Wght Pipe Len <b>0</b>			
Formation <b>Lansing "B"</b>		Start Date/Time <b>4/30/2009 3:06 AM</b>	
Interval Top <b>3926.0</b>	Bottom <b>3965.0</b>	End Date/Time <b>4/30/2009 9:19 AM</b>	
Anchor Len Below <b>39.0</b>	Between <b>0</b>		
Total Depth <b>3965.0</b>			
Blow Type <b>Very weak surface blow at the start of the initial flow period, building to 1/4 inch. Very weak surface blow throughout the final flow period. Times: 10, 45, 30, 60.</b>			

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
5	Mud	0% 0ft	0% 0ft	0% 0ft	100%5ft
DST Fluids	<b>0</b>				

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	Date	Time	Pressure	Temp	
IH	4/30/2009 5:05:15 AM	1.9875	1858.625	108.089	Initial Hydro-static
IF1	4/30/2009 5:10:30 AM	2.075	20.304	108.366	Initial Flow (1)
IF2	4/30/2009 5:20:45 AM	2.245833	20.588	108.684	Initial Flow (2)
IS	4/30/2009 6:05:15 AM	2.9875	72.922	109.848	Initial Shut-In
FF1	4/30/2009 6:06:30 AM	3.008333	23.87	109.909	Final Flow (1)
FF2	4/30/2009 6:35:00 AM	3.483333	22.398	110.804	Final Flow (2)
FS	4/30/2009 7:35:15 AM	4.4875	33.997	112.059	Final Shut-In
FH	4/30/2009 7:39:30 AM	4.558333	1844.602	112.628	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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Company **Captiva Energy, LLC**  
 Address **455 Union Blvd. Ste. 208**  
 CSZ **Lakewood, CO 80228**  
 Attn. **Keith Reavis**

Lease Name **Williams**  
 Lease # **1-26**  
 Legal Desc **See Comments** Job Ticket **2074**  
 Section **26** Range **13W**  
 Township **28S**  
 County **Pratt** State **KS**  
 Drilling Cont **Sterling Drilling, Co. Rig #5**

Comments **Legal Description: 830' FSL & 1991 FEL**

**GENERAL INFORMATION**

Test # **3** Test Date **5/1/2009**  
 Tester **Tim Venters**  
 Test Type **Conventional Bottom Hole**  
**Successful Test**  
 # of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**  
 Mud Weight **9.2** Viscosity **47.0**  
 Filtrate **9.6** Chlorides **4000**

Drill Collar Len **248.0**  
 Wght Pipe Len **0**

Formation **LKC "J&K"**  
 Interval Top **4164.0** Bottom **4244.0**  
 Anchor Len Below **80.0** Between **0**  
 Total Depth **4244.0**  
 Blow Type **Weak surface blow at the start of the initial flow period, building to 3 inches.**

**Weak surface blow back during the initial shut-in period, lasting about 20 minutes. Weak surface blow at the start of the final flow period, building to 5 inches. Times: 10, 45, 75, 90.**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1119**  
 Mid Recorder #  
 Bott Recorder # **13565**

Mileage **0** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars & Safety joint**  
 Time on Site **4:45 AM**  
 Tool Picked Up **11:30 AM**  
 Tool Layed Dwn **7:15 PM**

Elevation **1937.00** Kelley Bushings **1950.00**

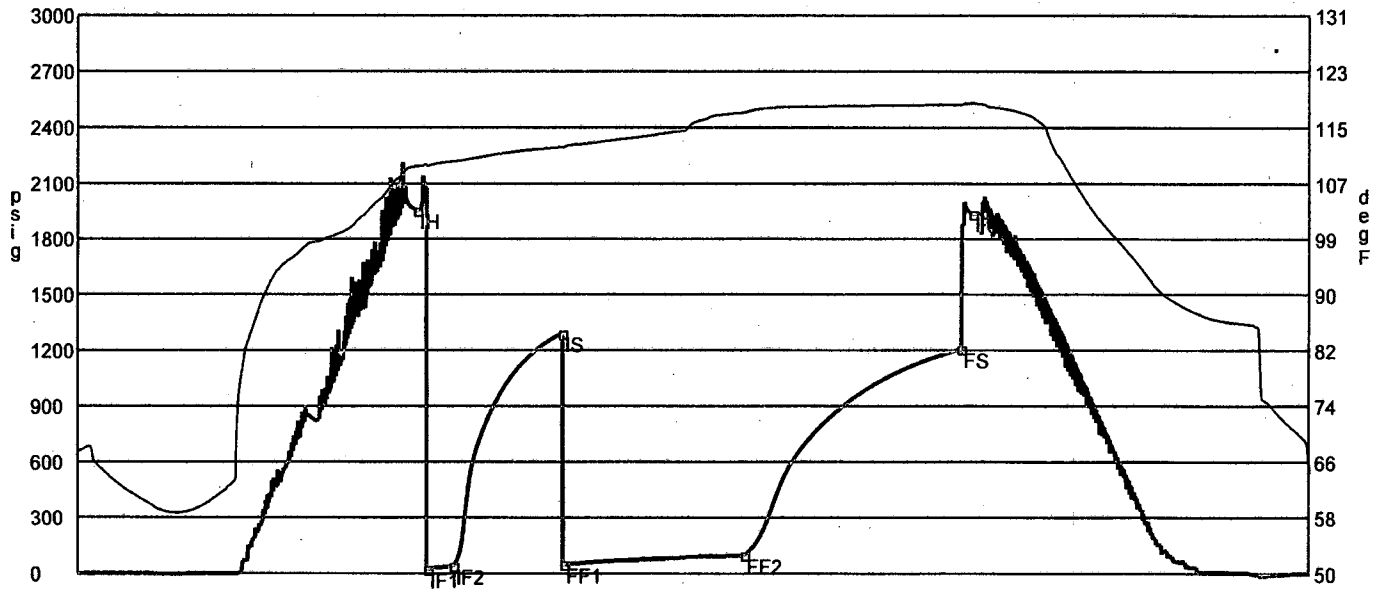
Start Date/Time **5/1/2009 10:57 AM**  
 End Date/Time **5/1/2009 7:23 PM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
55	Gas in Pipe	100% 55ft	0% 0ft	0% 0ft	0% 0ft
10	Very slight (trace) oil, water cut mud	0% 0ft	trace	27% 2.7ft	73% 7.3ft
60	Very slight (trace) oil, very heavy water cut mud	0% 0ft	trace	43% 25.8ft	57% 34.2ft
65	Slight mud cut water	0% 0ft	0% 0ft	85% 55.2ft	15% 9.8ft

DST Fluids **82000**

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	Date	Time	Pressure	Temp	
IH	5/1/2009 1:14:30 PM	2.291667	1955.887	109.281	Initial Hydro-static
IF1	5/1/2009 1:19:00 PM	2.366667	23.544	109.365	Initial Flow (1)
IF2	5/1/2009 1:29:30 PM	2.541667	41.819	109.975	Initial Flow (2)
IS	5/1/2009 2:14:30 PM	3.291667	1292.169	112.051	Initial Shut-In
FF1	5/1/2009 2:15:15 PM	3.304167	51.172	111.993	Final Flow (1)
FF2	5/1/2009 3:29:45 PM	4.545833	100.058	117.048	Final Flow (2)
FS	5/1/2009 4:59:15 PM	6.0375	1206.612	118.18	Final Shut-In
FH	5/1/2009 5:04:00 PM	6.116667	1939.477	118.323	Final Hydro-static

GAS FLOWS

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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 KCC WICHITA



Company	Captiva Energy, LLC	Lease Name	Williams	
Address	455 Union Blvd. Ste. 208	Lease #	1-26	
CSZ	Lakewood, CO 80228	Legal Desc	See Comments	Job Ticket 2074
Attn.	Keith Reavis	Section	26	Range 13W
		Township	28S	
		County	Pratt	State KS
		Drilling Cont	Sterling Drilling, Co. Rig #5	
Comments	Legal Description: 830' FSL & 1991 FEL			

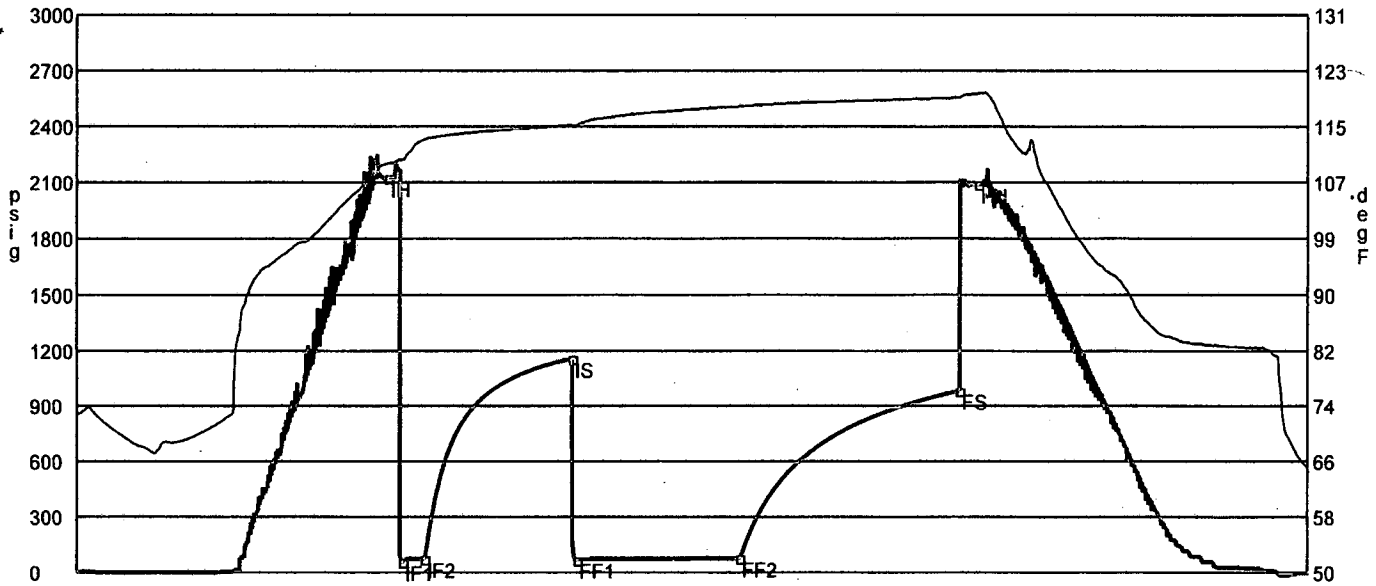
GENERAL INFORMATION

Test # 4	Test Date 5/2/2009	Chokes 3/4	Hole Size 7 7/8
Tester Tim Venters		Top Recorder # W1119	
Test Type Conventional Bottom Hole		Mid Recorder #	
Successful Test		Bott Recorder # 13565	
# of Packers 2.0	Packer Size 6 3/4	Mileage 0	Approved By
Mud Type Gel Chem		Standby Time 0	
Mud Weight 9.2	Viscosity 65.0	Extra Equipmnt Jars & Safety joint	
Filtrate 8.8	Chlorides 5500	Time on Site 10:00 AM	
Drill Collar Len 248.0		Tool Picked Up 1:00 PM	
Wght Pipe Len 0		Tool Layed Dwn 8:45 PM	
Formation Miss. Chert		Elevation 1937.00	Kelley Bushings 1950.00
Interval Top 4328.0	Bottom 4395.0	Start Date/Time 5/2/2009 12:22 PM	
Anchor Len Below 67.0	Between 0	End Date/Time 5/2/2009 8:47 PM	
Total Depth 4395.0			
Blow Type	Strong blow throughout the initial flow period, reaching the bottom of the bucket in 1 minute. I had my 2" flow valve open about 1/2 inch and still blew off bottom. Very weak surface blow back during the initial shut-in period, lasting about 12 minutes. Very strong blow throughout the final flow period, hitting the bottom of the bucket instantaneously. Gas to surface in 3 minutes. Times: 10, 60, 70, 90.		

RECOVERY

Feet	Description	Gas	Oil	Water	Mud
4160	Gas in Pipe	100%	0%	0%	0%
145	Mud	0%	0%	0%	100%
DST Fluids		0			

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	Date	Time	Pressure	Temp	
IH	5/2/2009 2:27:30 PM	2.091667	2124.826	109.503	Initial Hydro-static
IF1	5/2/2009 2:33:30 PM	2.191667	57.241	110.103	Initial Flow (1)
IF2	5/2/2009 2:42:30 PM	2.341667	73.383	112.973	Initial Flow (2)
IS	5/2/2009 3:43:15 PM	3.354167	1158.238	115.016	Initial Shut-In
FF1	5/2/2009 3:45:15 PM	3.3875	69.153	115.07	Final Flow (1)
FF2	5/2/2009 4:52:15 PM	4.504167	78.141	117.787	Final Flow (2)
FS	5/2/2009 6:22:45 PM	6.0125	982.316	119.063	Final Shut-In
FH	5/2/2009 6:30:30 PM	6.141667	2090.947	119.663	Final Hydro-static

**GAS FLOWS**

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
0	10	25.50 mcf	16.50 h2o	0.50 in
0	20	19.35 mcf	9.50 h2o	0.50 in
0	30	17.20 mcf	8.00 h2o	0.50 in
0	40	16.00 mcf	6.50 h2o	0.50 in
0	50	15.40 mcf	6.00 h2o	0.50 in
0	60	15.40 mcf	6.00 h2o	0.50 in
0	70	14.70 mcf	5.50 h2o	0.50 in

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Company **Captiva Energy, LLC**  
 Address **455 Union Blvd. Ste. 208**  
 CSZ **Lakewood, CO 80228**  
 Attn. **Keith Reavis**

Lease Name **Williams**  
 Lease # **1-26**  
 Legal Desc **See Comments** Job Ticket **2074**  
 Section **26** Range **13W**  
 Township **28S**  
 County **Pratt** State **KS**  
 Drilling Cont **Sterling Drilling, Co. Rig #5**

Comments **Legal Description: 830' FSL & 1991 FEL**

**GENERAL INFORMATION**

Test # **5** Test Date **5/4/2009**  
 Tester **Tim Venters**  
 Test Type **Conventional Bottom Hole**  
 # of Packers **2.0** Packer Size **6 3/4**

Mud Type **Gel Chem**  
 Mud Weight **9.3** Viscosity **48.0**  
 Filtrate **8.8** Chlorides **4000**

Drill Collar Len **248.0**  
 Wght Pipe Len **0**

Formation **Simpson Sand**  
 Interval Top **4564.0** Bottom **4583.0**  
 Anchor Len Below **19.0** Between **0**  
 Total Depth **4583.0**

Blow Type **Strong blow throughout the initial flow period, reaching the bottom of the bucket in 1 minute. I had my 2 inch flow line open about 1/2 inch and still blew off bottom. Very strong blow throughout the final flow period, reaching the bottom of the bucket instantaneously. Gas to surface in 1 1/2 minutes. Times: 10, 45, 70, 90.**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1119**  
 Mid Recorder #  
 Bott Recorder # **13565**

Mileage **0** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars & Safety joint**  
 Time on Site **3:00 PM**  
 Tool Picked Up **5:05 PM**  
 Tool Layed Dwn **12:35 AM**

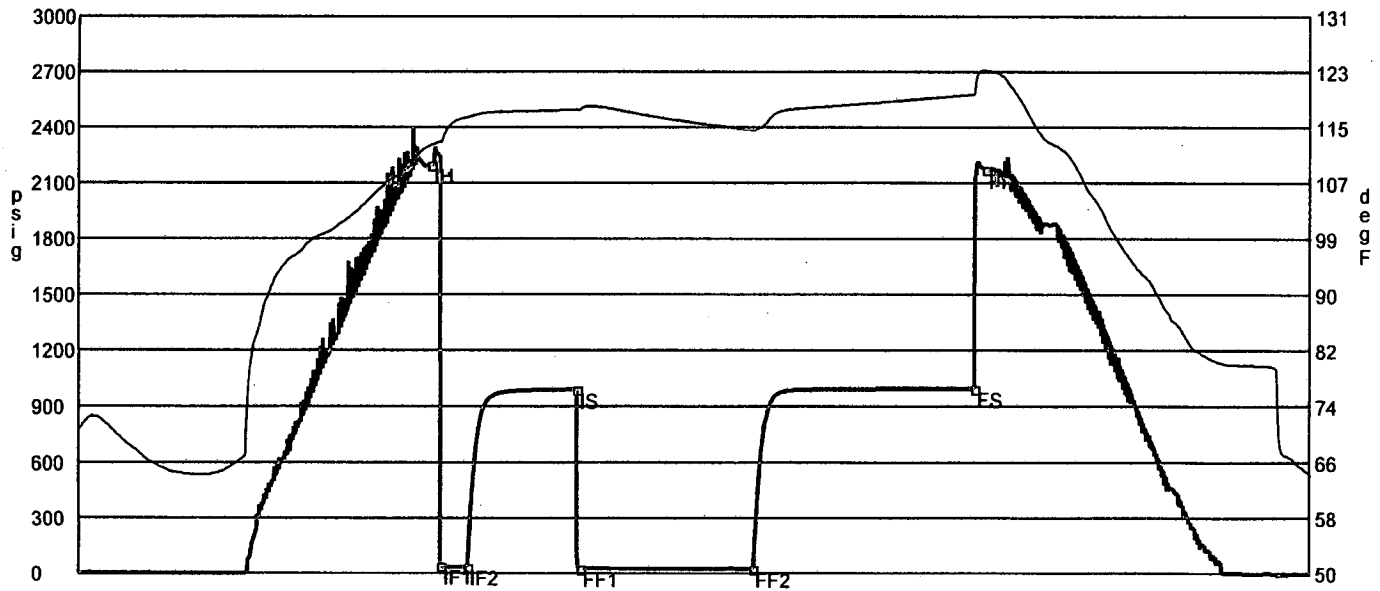
Elevation **1937.00** Kelley Bushings **1950.00**

Start Date/Time **5/3/2009 4:22 PM**  
 End Date/Time **5/4/2009 12:35 AM**

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
4480	Gas in Pipe	100%	0%	0%	0%
60	Mud	0%	0%	0%	100%
DST Fluids		0			

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	Date	Time	Pressure	Temp	
IH	5/3/2009 6:41:15 PM	2.320833	2199.196	112.241	Initial Hydro-static
IF1	5/3/2009 6:45:00 PM	2.383333	40.94	112.64	Initial Flow (1)
IF2	5/3/2009 6:55:45 PM	2.5625	35.535	116.3	Initial Flow (2)
IS	5/3/2009 7:39:45 PM	3.295833	990.52	117.412	Initial Shut-In
FF1	5/3/2009 7:41:15 PM	3.320833	25.003	117.501	Final Flow (1)
FF2	5/3/2009 8:50:45 PM	4.479167	24.927	114.448	Final Flow (2)
FS	5/3/2009 10:20:00 PM	5.966667	995.694	119.661	Final Shut-In
FH	5/3/2009 10:24:30 PM	6.041667	2173.373	123.087	Final Hydro-static

GAS FLOWS

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
0	10	29.40 mcf	22.00 h2o	0.50 in
0	20	33.48 mcf	28.50 h2o	0.50 in
0	30	34.30 mcf	30.00 h2o	0.50 in
0	40	34.90 mcf	31.00 h2o	0.50 in
0	50	35.75 mcf	32.50 h2o	0.50 in
0	60	35.75 mcf	32.50 h2o	0.50 in
0	70	36.00 mcf	33.00 h2o	0.50 in

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Company	<b>Captiva Energy, LLC</b>	Lease Name	<b>Williams</b>	
Address	<b>455 Union Blvd. Ste. 208</b>	Lease #	<b>1-26</b>	
CSZ	<b>Lakewood, CO 80228</b>	Legal Desc	<b>See Comments</b>	Job Ticket <b>2074</b>
Attn.	<b>Keith Reavis</b>	Section	<b>26</b>	Range <b>13W</b>
		Township	<b>28S</b>	
		County	<b>Pratt</b>	State <b>KS</b>
		Drilling Cont	<b>Sterling Drilling, Co. Rig #5</b>	

Comments **Legal Description: 830' FSL & 1991 FEL**  
**On DST #8 Chlorides @ flow line = 66,000 ppm**

**GENERAL INFORMATION**

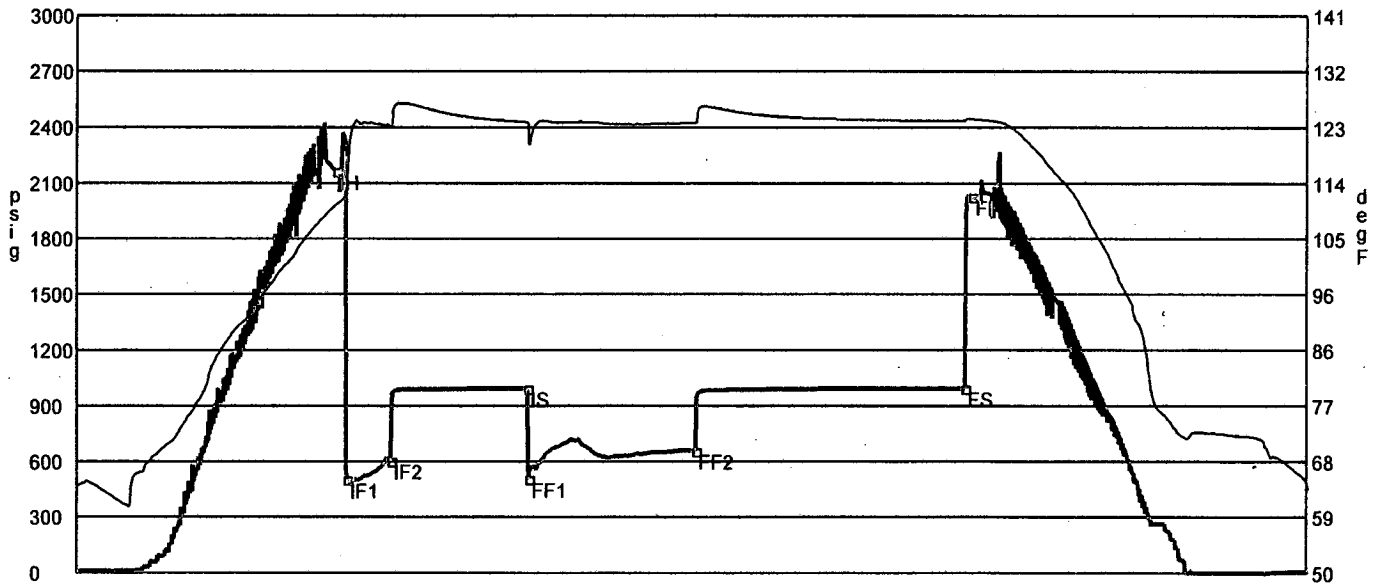
Test # <b>8</b>	Test Date <b>5/5/2009</b>	Chokes <b>3/4</b>	Hole Size <b>7 7/8</b>
Tester <b>Tim Venters</b>		Top Recorder # <b>W1119</b>	
Test Type <b>Conventional Bottom Hole</b>		Mid Recorder #	
		Bottom Recorder # <b>13565</b>	
# of Packers <b>2.0</b>	Packer Size <b>6 3/4</b>	Mileage <b>0</b>	Approved By
		Standby Time <b>0</b>	
Mud Type <b>Gel Chem</b>		Extra Equipmnt <b>Jars &amp; Safety joint</b>	
Mud Weight <b>9.2</b>	Viscosity <b>58.0</b>	Time on Site <b>2:00 PM</b>	
Filtrate <b>8.8</b>	Chlorides <b>3000</b>	Tool Picked Up <b>3:15 AM</b>	
		Tool Layed Dwn <b>12:00 PM</b>	
Drill Collar Len <b>248.0</b>		Elevation <b>1937.00</b>	Kelley Bushings <b>1950.00</b>
Wght Pipe Len <b>0</b>			
Formation		Start Date/Time <b>5/5/2009 3:00 AM</b>	
Interval Top <b>0</b>	Bottom <b>0</b>	End Date/Time <b>5/5/2009 12:06 PM</b>	
Anchor Len Below <b>0</b>	Between <b>0</b>		
Total Depth <b>0</b>			
Blow Type	<b>Very strong blow throughout the initial flow period, hitting the bottom of the bucket instantaneously. Gas to surface 2 minutes. Weak surface blow back after bleeding off ( 40 min.) building to 4 inches. Very strong blow throughout the final flow period, hitting the bottom of the bucket instantaneously. Gas to surface instantaneously. Mud to surface about 5 min. Water to surface about 25 min. Weak surface blow back after bleed off (60 min.) building to 6 inches. Times: 20, 60, 75, 120.</b>		

**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
3970	Gas in Pipe	100% 3970ft	0% 0ft	0% 0ft	0% 0ft
510	Very slight (trace) oil cut water	0% 0ft	trace	100% 510ft	0% 0ft
60	Water	0% 0ft	0% 0ft	100% 60ft	0% 0ft

DST Fluids **94000**

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	Date	Time	Pressure	Temp	
IH	5/5/2009 4:53:15 AM	1.8875	2166.981	110.304	Initial Hydro-static
IF1	5/5/2009 4:58:00 AM	1.966667	504.767	114.126	Initial Flow (1)
IF2	5/5/2009 5:17:30 AM	2.291667	605.225	122.919	Initial Flow (2)
IS	5/5/2009 6:18:30 AM	3.308333	995.992	123.685	Initial Shut-In
FF1	5/5/2009 6:19:00 AM	3.316667	507.805	120.241	Final Flow (1)
FF2	5/5/2009 7:33:30 AM	4.558333	659.585	123.571	Final Flow (2)
FS	5/5/2009 9:33:45 AM	6.5625	996.35	123.938	Final Shut-In
FH	5/5/2009 9:36:45 AM	6.6125	2030.805	124.256	Final Hydro-static

**GAS FLOWS**

Min Into IFP	Min Into FFP	Gas Flows	Pressure	Choke
20	0	1559.00 mcf	28.50 psig	1.25 in
0	70	2163.00 mcf	45.00 psig	1.25 in

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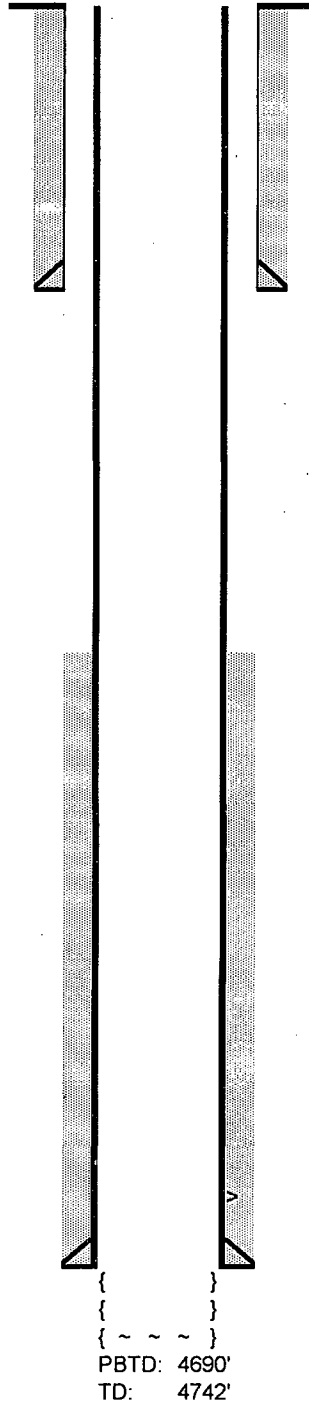
CAPTIVA ENERGY, LLC

**Williams #1-26**  
830' FNL & 1991' FEL  
Sec. 26, T28s-R13w  
Current Wellbore Schematic  
12/1/2009

Spud Date: 4/23/2009  
Completed: 10/28/2009  
  
Field: Brehem  
  
GL: 1937'  
KB: 1950'  
  
API# 15-151-22332-0000

**Surface Casing :**  
8-5/8" 23# set @ 1032'  
Cemented with 350 sx 65/35 Poz

**Production Casing:**  
5-1/2", 15.5# set @ 4746'  
Cemented with 200 sx AA2



TOC: Surface

TOC: 2695'

**Simpson Perfs:**  
4593-95' (8) 9/28/2009 250 g 10% INS  
400 g 10% INS

{ ~ ~ ~ }  
PBD: 4690'  
TD: 4742'

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Company **Captiva Energy, LLC**  
 Address **455 Union Blvd. Ste. 208**  
 CSZ **Lakewood, CO 80228**  
 Attn. **Keith Reavis**

Lease Name **Williams**  
 Lease # **1-26**  
 Legal Desc **See Comments** Job Ticket **2074**  
 Section **26** Range **13W**  
 Township **28S**  
 County **Pratt** State **KS**  
 Drilling Cont **Sterling Drilling, Co. Rig #5**

Comments **Legal Description: 830' FSL & 1991 FEL**

**GENERAL INFORMATION**

Test # 1  
 Tester **Tim Venters**  
 Test Type **Conventional Bottom Hole Successful Test**  
 # of Packers **2.0** Packer Size **6 3/4**

Chokes **3/4** Hole Size **7 7/8**  
 Top Recorder # **W1119**  
 Mid Recorder #  
 Bott Recorder # **13565**

Mud Type **Gel Chem**  
 Mud Weight **8.7** Viscosity **50.0**  
 Filtrate **9.6** Chlorides **2000**

Mileage **12** Approved By  
 Standby Time **0**  
 Extra Equipmnt **Jars & Safety joint**  
 Time on Site **7:50 PM**  
 Tool Picked Up **11:30 PM**  
 Tool Layed Dwn **5:30 AM**

Drill Collar Len **248.0**  
 Wght Pipe Len **0**

Elevation **1937.00** Kelley Bushings **1950.00**

Formation **Langdon Sand**  
 Interval Top **2930.0** Bottom **3028.0**  
 Anchor Len Below **98.0** Between **0**  
 Total Depth **3028.0**  
 Blow Type **Weak surface blow at the start of the initial flow period, building to 4 inches.**  
**Weak surface blow at the start of the final flow period, building to 5 inches.**  
 Times: **10, 45, 30, 60.**

Start Date/Time **4/28/2009 10:49 PM**  
 End Date/Time **4/29/2009 5:36 AM**

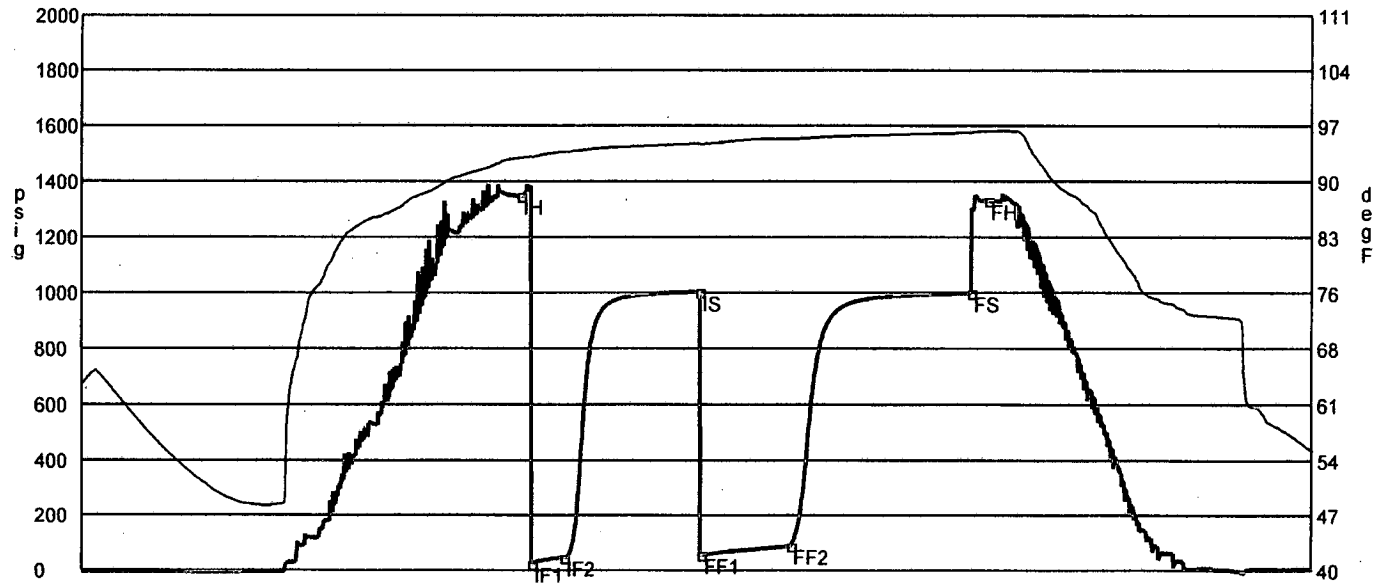
**RECOVERY**

Feet	Description	Gas	Oil	Water	Mud
135	Mud	0% 0ft	0% 0ft	0% 0ft	100% 135ft
DST Fluids	0				

DST's #6  $\frac{1}{2}$  #7  
 WERE MISS RUNS

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	Date	Time	Pressure	Temp	
IH	4/29/2009 1:12:30 AM	2.391667	1348.106	92.733	Initial Hydro-static
IF1	4/29/2009 1:16:15 AM	2.454167	23.978	92.875	Initial Flow (1)
IF2	4/29/2009 1:27:00 AM	2.633333	46.072	93.48	Initial Flow (2)
IS	4/29/2009 2:12:00 AM	3.383333	1002.937	94.552	Initial Shut-In
FF1	4/29/2009 2:12:45 AM	3.395833	55.618	94.482	Final Flow (1)
FF2	4/29/2009 2:42:30 AM	3.891667	88.579	95.185	Final Flow (2)
FS	4/29/2009 3:42:30 AM	4.891667	998.96	95.979	Final Shut-In
FH	4/29/2009 3:48:15 AM	4.9875	1331.637	96.135	Final Hydro-static

GAS FLOWS\*

Min Into IFP   Min Into FFP   Gas Flows   Pressure   Choke

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